

Just-For-Copper



material safety
data sheet

THREAD SEALANT w/TEFLON®

Revision Date: 03/31/2004

Chemical Product and Company Identification

Product name: Just-For-Copper Thread Sealant
Product type: Anaerobic Sealant
Company address:
Jackson Industries, Inc.
400 Lakeridge Drive Russellville, Arkansas 72802

Item number: PS67cu
Region: United States
Contact Information:
Telephone: 888-704-0015
Emergency telephone: 479-967-5746
Internet: www.justforcopper.com

Composition / Information on Ingredients

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Bisphenol A fumarate resin 39382-25-7	30-60	None	None	None
Polyglycol dimethacrylate 25852-47-5	10-30	None	None	None
Polyglycol laurate 9004-81-3	10-30	None	None	None
Polyethylene glycol monococaoate 61791-29-5	10-30	None	None	None
Poly(tetrafluoroethylene) 9002-84-0	5-10	None	None	AEL (DuPont): 10 mg/m ³ , 8 Hr TWA, total dust; 5mg/m ³ , 8 hr. TWA respirable dust
Titanium dioxide + orange color 13463-67-7	1-5	10 mg/m ³ TWA	15 mg/m ³ TWA	None
Saccharin 81-07-2	1-5	None	None	None
Cumene hydroperoxide 80-15-9	1-5	None	None	1 ppm (6 mg/m ³) Skin (WEEL)
Ethylene glycol 107-21-1	0.1-1	100 mg/m ³ Ceiling	None	None

Composition / Information on Ingredients

EMERGENCY OVERVIEW

Physical state: Paste
Color: Orange
Odor: Mild

HMIS:

HEALTH: 1*
FLAMMABILITY: 1
PHYSICAL HAZARD: 1
Personal Protection: See Section 8

WARNING:
CAUSES EYE IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause allergic skin reaction. May cause skin irritation.
Eye contact: Contact with eyes will cause irritation.
Ingestion: Not expected to be harmful by ingestion.

Existing conditions aggravated by exposure: None known

See Section 11 for additional toxicological information.



DIRECTIONS FOR USE

Make certain that threads are free of contaminants -- dirt, oil, grease, and corrosion. Apply copper thread sealant onto the male threads and force the sealant into the male grooves. Assemble and tighten to specifications. Wipe excess from connector. Keep cap on tube when not in use.

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First aid Measures

Inhalation:	Remove to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye contact:	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.

Fire - Fighting Measures

Flash point:	Greater than 93°C (200°F) Tagliabue closed cup
Autoignition temperature:	Not available
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	None Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Irritating organic vapors.

Accidental Release Measures

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

Handling and Storage

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
Storage:	For safe storage, store at or below 38°C (100°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Refer to Section 10.
Incompatible products:	

Exposure controls / Personal Protection

Engineering controls:	No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection:	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

Physical and Chemical Properties

Physical state:	Paste
Color:	Orange
Odor:	Mild
Vapor pressure:	Less than 5 mm Hg at 27°C (80°F)
pH:	Not applicable
Boiling point/range:	Greater than 149°C (300°F)
Melting point/range:	Not available
Specific gravity:	1.14
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not available
VOC content:	8.6%; 98.04 grams/liter (EPA Method 24)

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Stability and Reactivity

Stability: Stable.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Toxic fluorine compounds. Phenols. Irritating organic vapors.
Conditions to avoid: Exposure to sunlight. Heat, flames and sparks. See "Handling and Storage" (Section 7)

Toxicological Information

Product toxicity data: Acute oral LD50 greater than 10, 000 mg/kg (rat). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Bisphenol A fumarate resin	No	No	No
Polyglycol dimethacrylate	No	No	No
Polyglycol laurate	No	No	No
Polyethylene glycol monococoate	No	No	No
Poly(tetrafluoroethylene)	No	No	No
Titanium dioxide	No	No	No
Saccharin	No	No	No
Cumene hydroperoxide	No	No	No
Ethylene glycol	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components

Bisphenol A fumarate resin
 Polyglycol dimethacrylate
 Polyglycol laurate
 Polyethylene glycol monococoate
 Poly(tetrafluoroethylene)
 Titanium dioxide
 Saccharin
 Cumene hydroperoxide
 Ethylene glycol

Health Effects/Target Organs

Allergen, Irritant
 Allergen, Irritant
 Allergen, Irritant
 No data
 No Target Organs
 Irritant, Respiratory
 No Target Organs
 Allergen, Central nervous system, Corrosive, Irritant, Mutagen
 Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic

Ecological Information

Ecological Information: Not available

Transport Information

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Unrestricted
 Hazard class or division: None
 Identification number: None
 Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted
 Hazard class or division: None
 Identification number: None
 Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Unrestricted
 Hazard class or division: None
 Identification number: None
 Packing group: None
 Marine pollutant: None

Other Information

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the result obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use thereof. The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from patents owned by others or as a licence under any Jackson Industries, INC Grupo Corassa S.A. patents which may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.

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